FI G . 1A

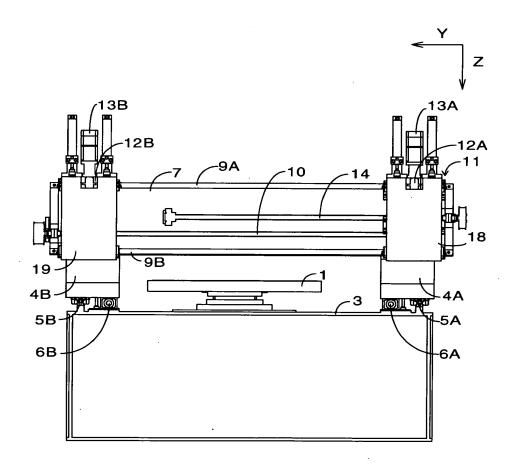
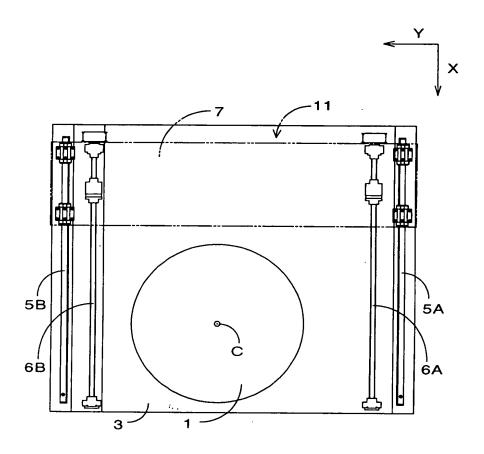
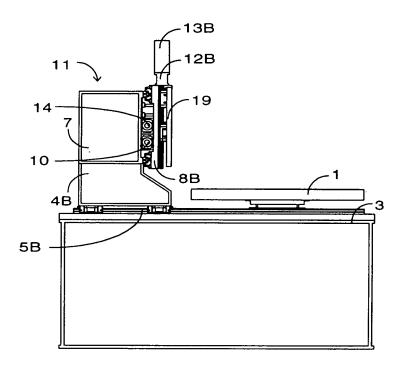
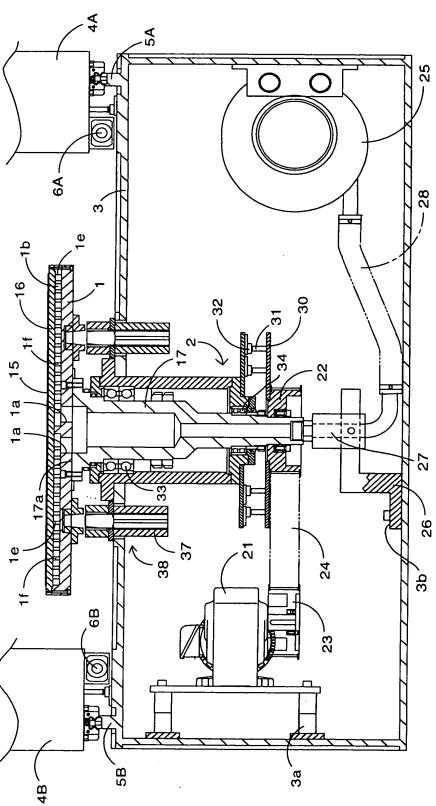


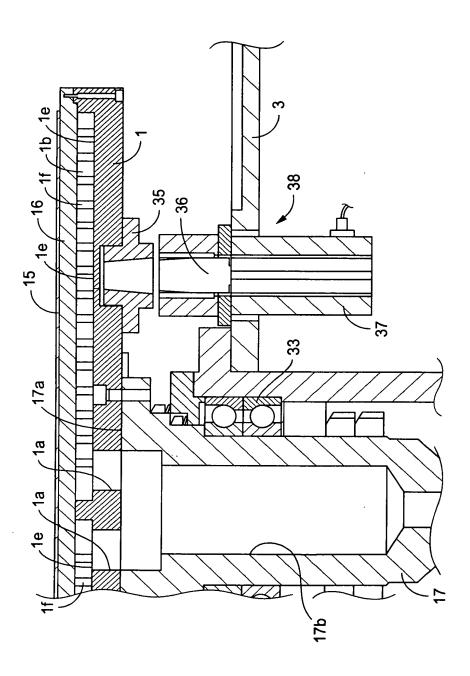
FIG. 1B

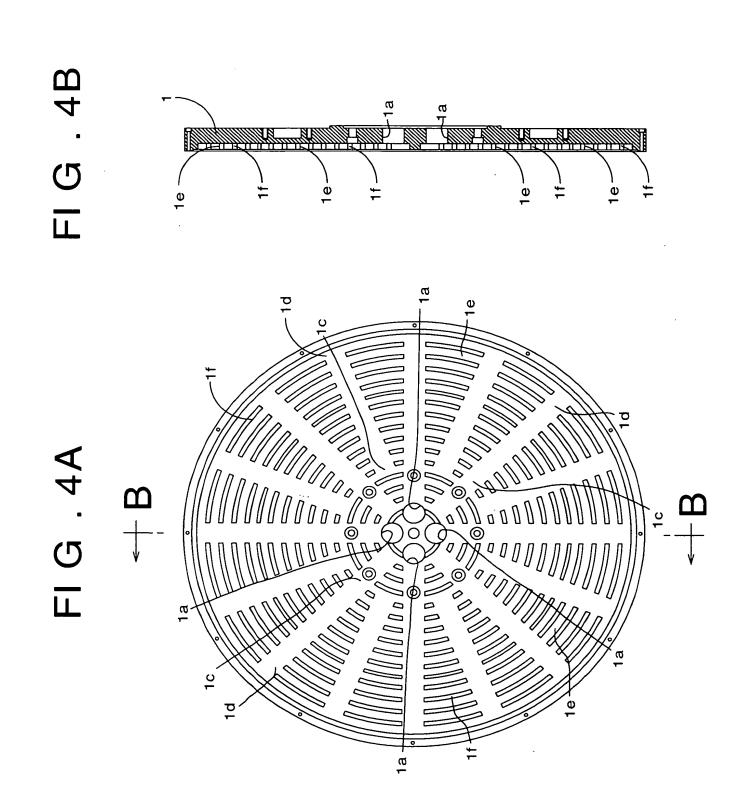




1f 1e 1a 1a 15 1f 16 1b







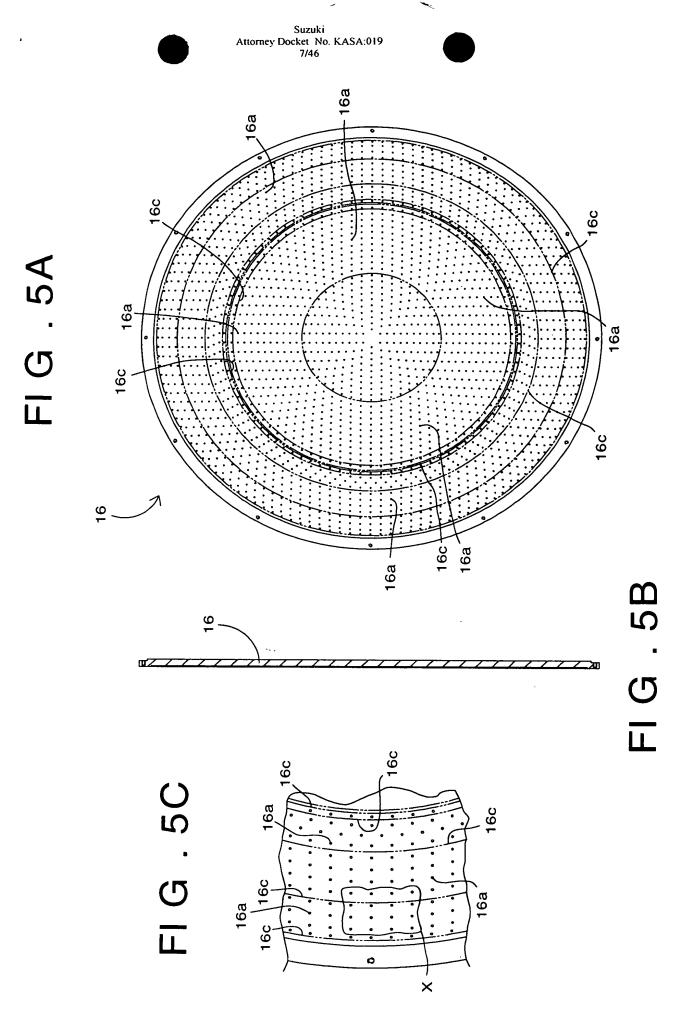
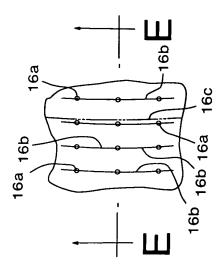
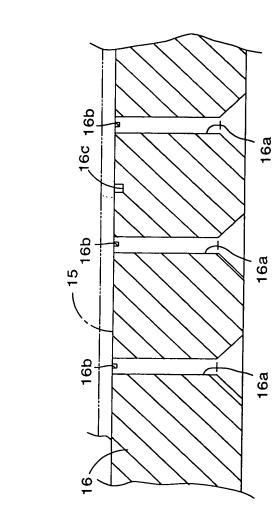
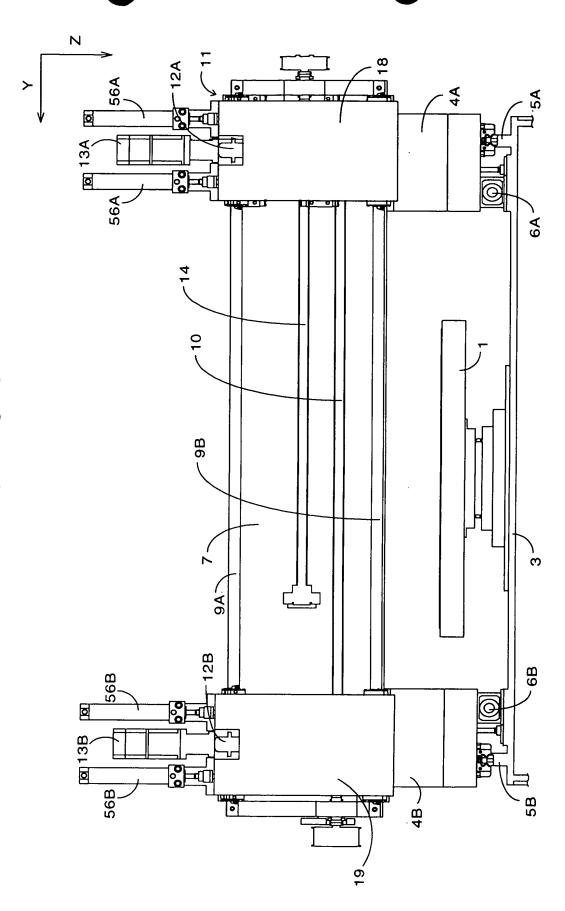


FIG. 5D







FI G . 6A

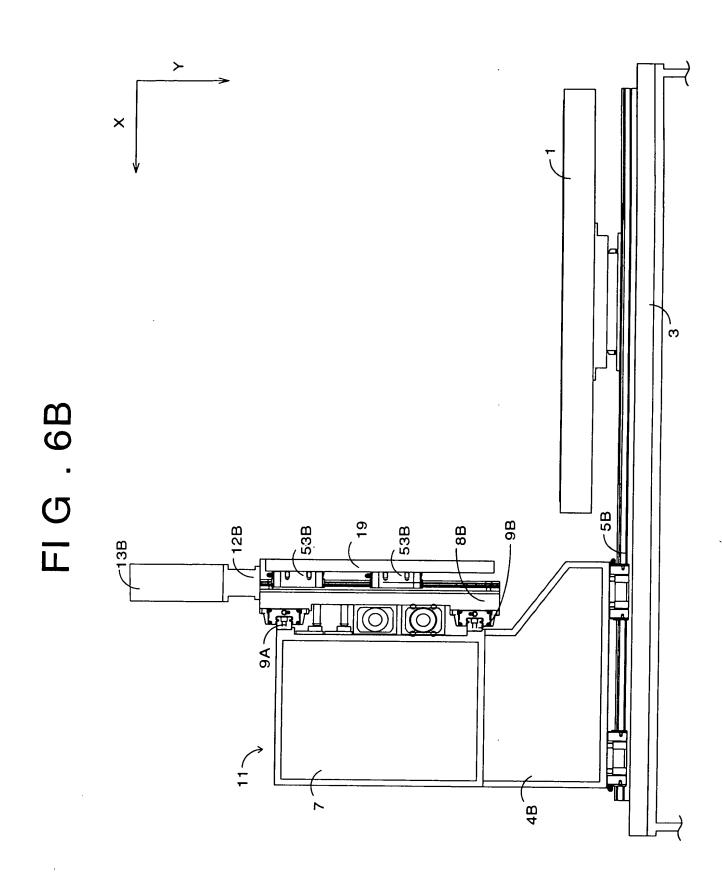


FIG.7A

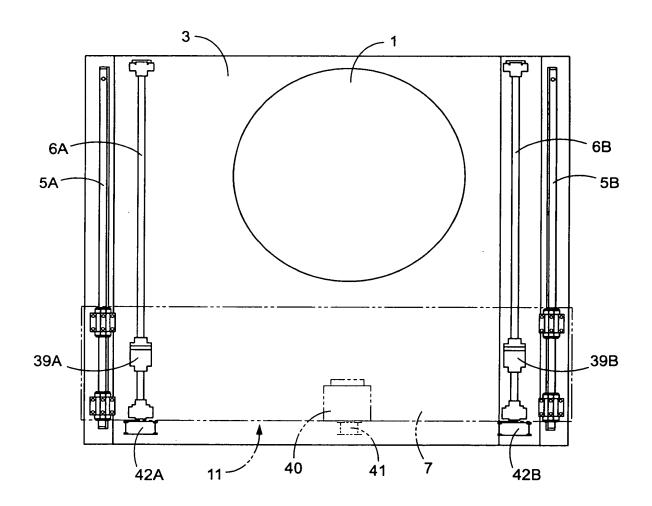


FIG. 7B

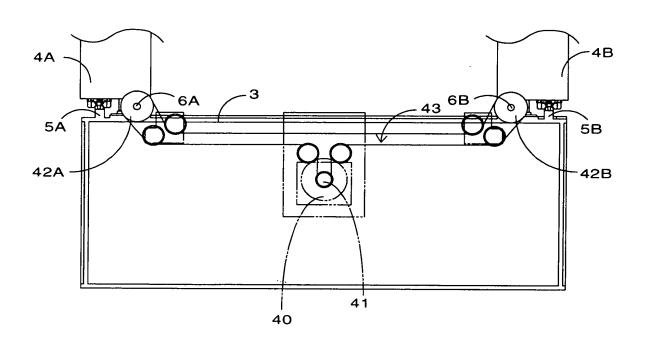


FIG.8A

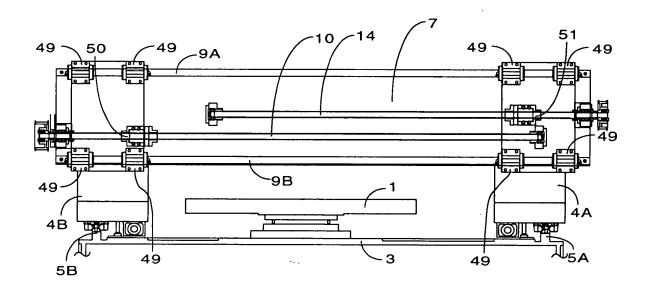


FIG.8B

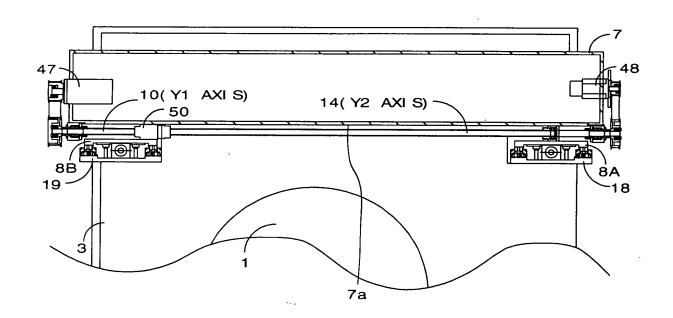
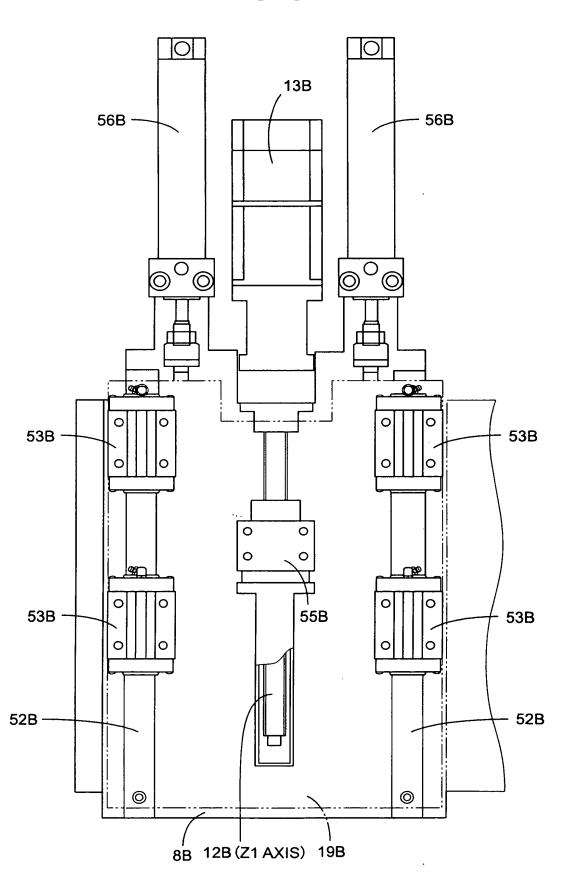


FIG.9A



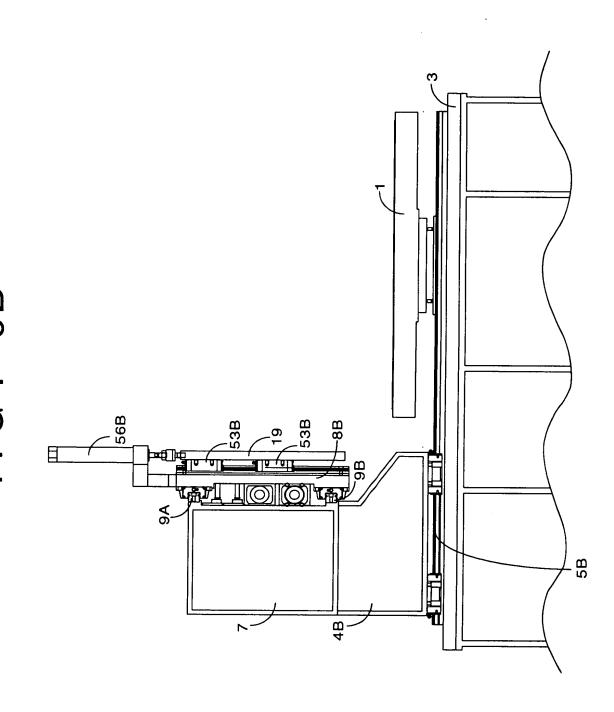
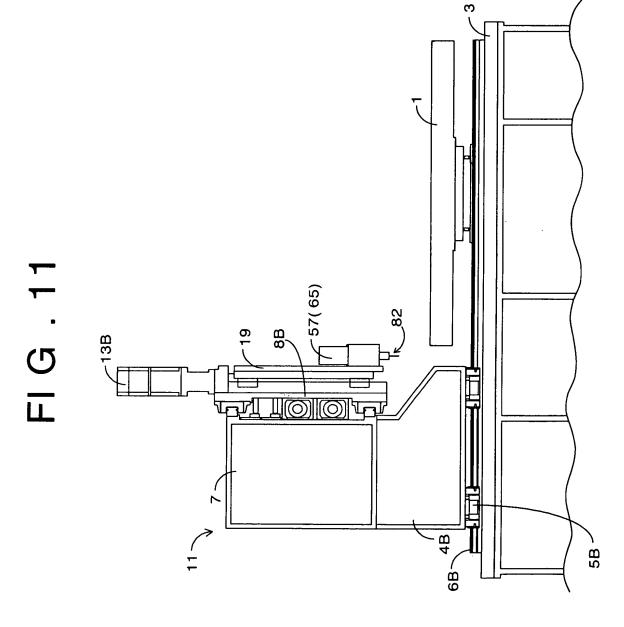
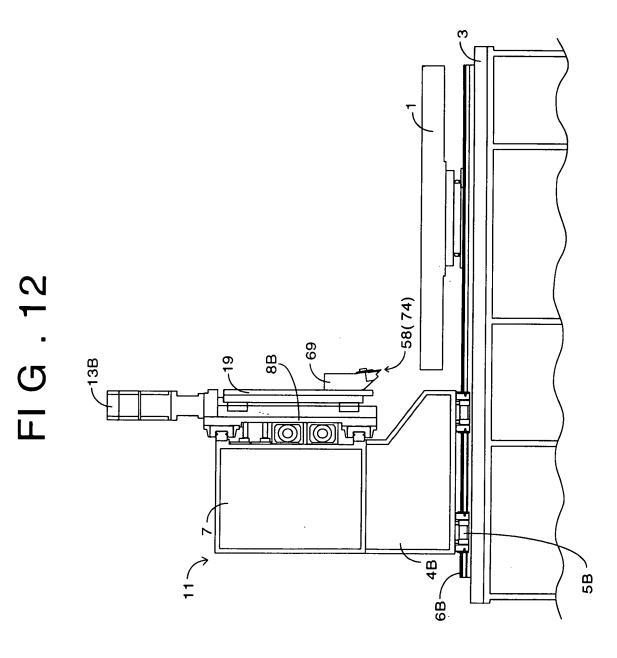


FIG.10 8 2B 6B >





CHIP COLLECTION DEVICE **TOOL REST** TOOL REST MOTOR) MOTOR ION BLOWER MOTOR) SADDLE SADDLE MOTOR 8A/ 65 GATE-SHAPED COLUMN DRILL UNIT, POSITION HOLDING MEMBER MOTOR MOTOR) CUTTING DEVICE. FIG. 13 MILLING CUTTER UNIT 25 CIRCULAR PLATEN SUCTION BLOWER MOTOR MOTOR 59/ ; NUMERICAL CONTROL DEVICE · PROCESSING PROGRAMS DATA STORAGE SECTION · TOOL INFORMATION · GROOVE PATTERNS INTERFACE 105 104 DATA INPUT SECTION

13B

FIG. 14

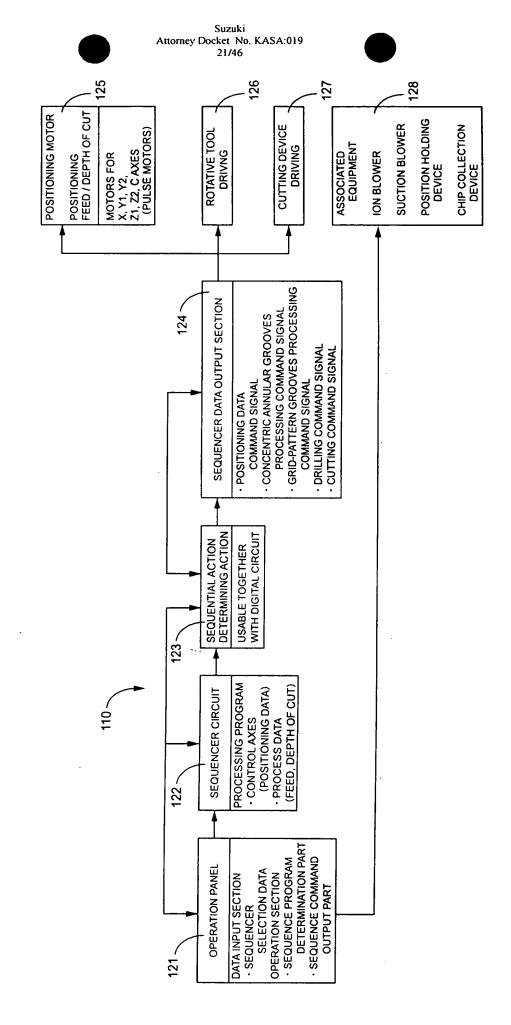


FIG.15A

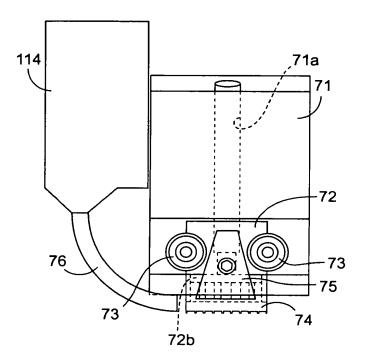


FIG.15B

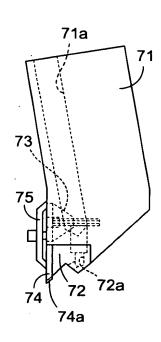


FIG.15C

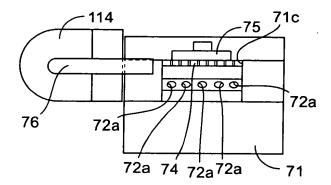


FIG.16A

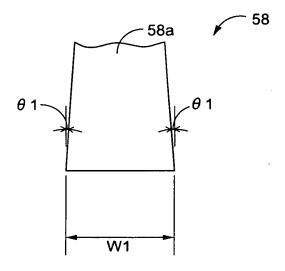


FIG.16B

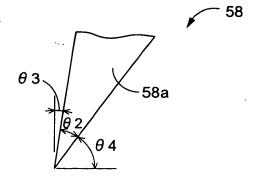


FIG.17A



FIG.17B

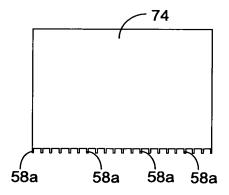
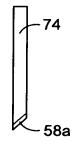


FIG.17C



F 4.3 f. 19 f.

FIG.18

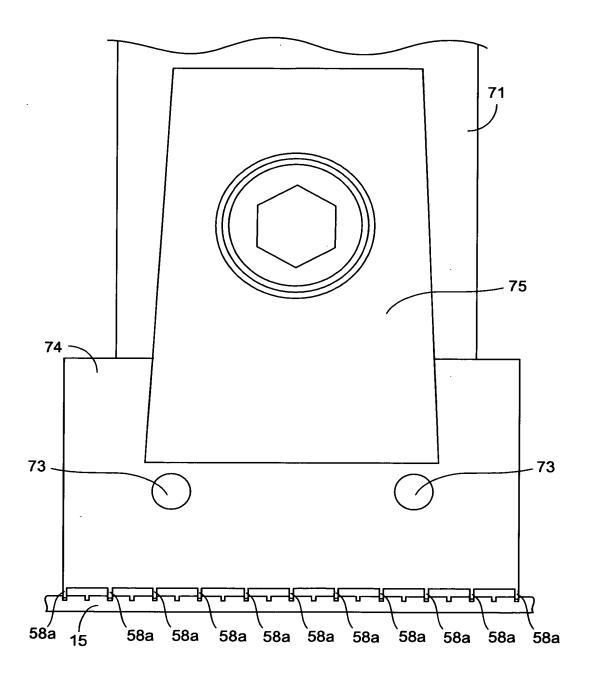
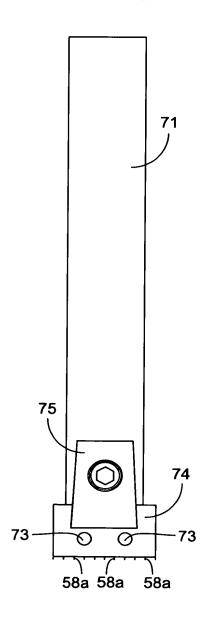
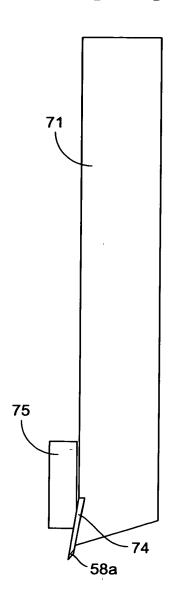
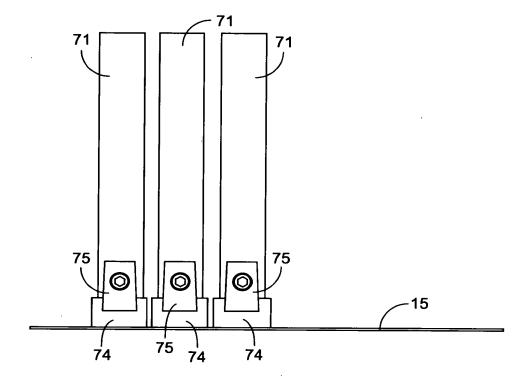


FIG.19A

FIG.19B







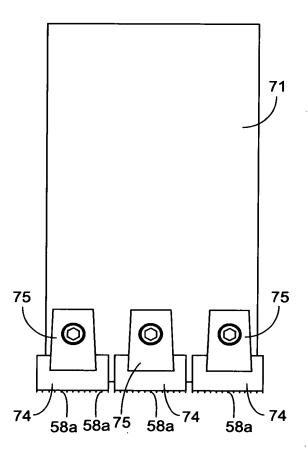


FIG.22A

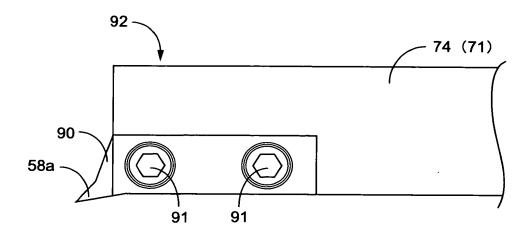


FIG.22B

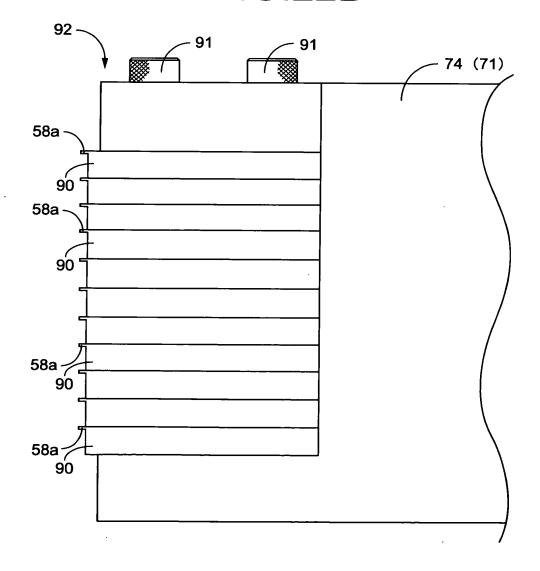


FIG.23A

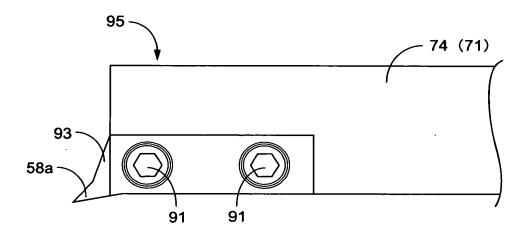
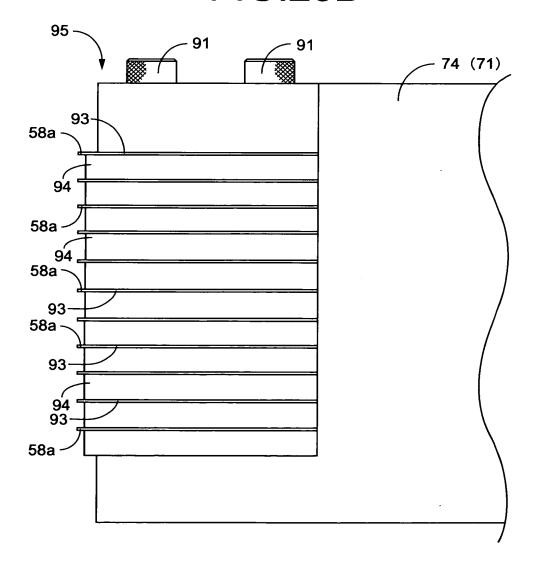


FIG.23B



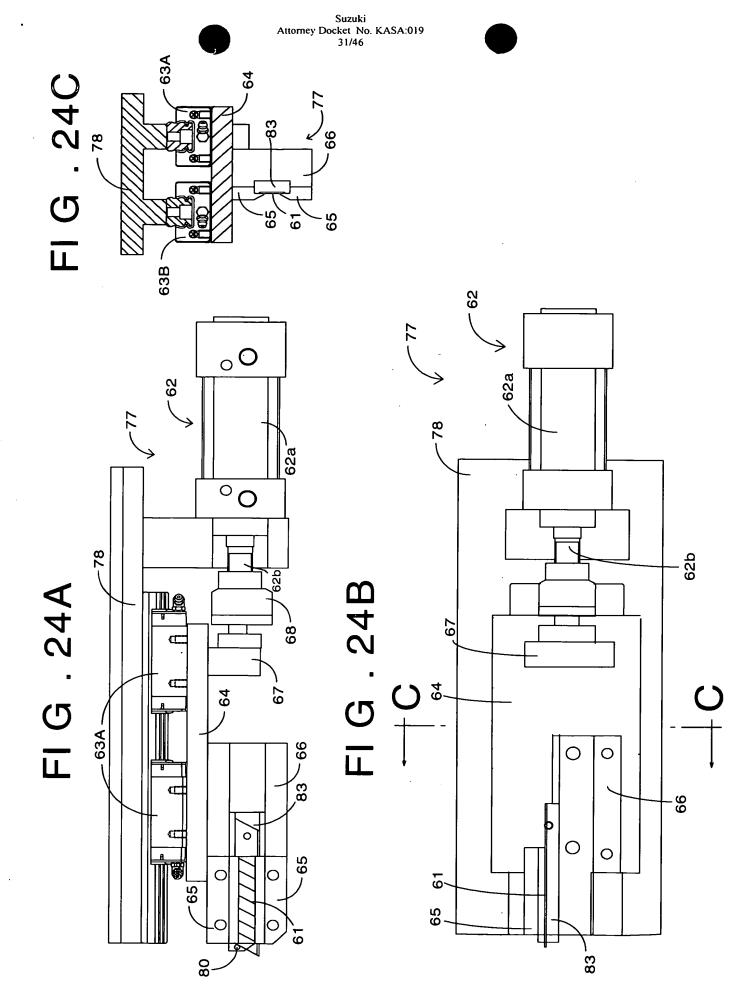


FIG.25A

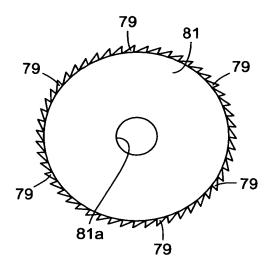


FIG.25B

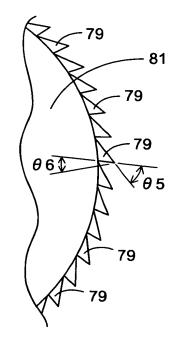


FIG.26A

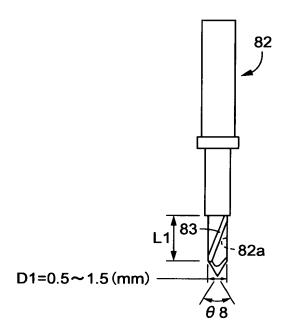


FIG.26B

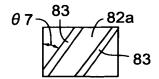


FIG. 27A

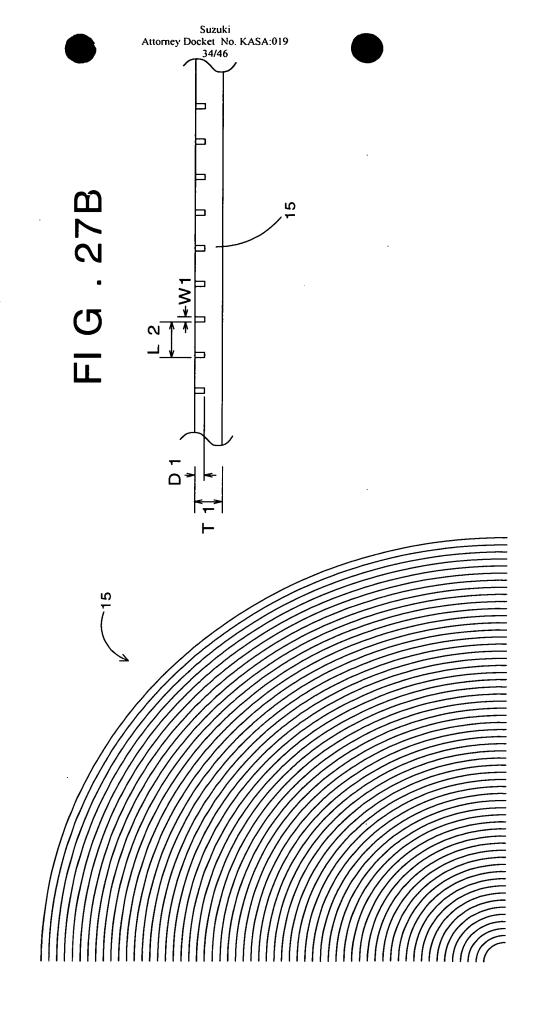


FIG. 28A

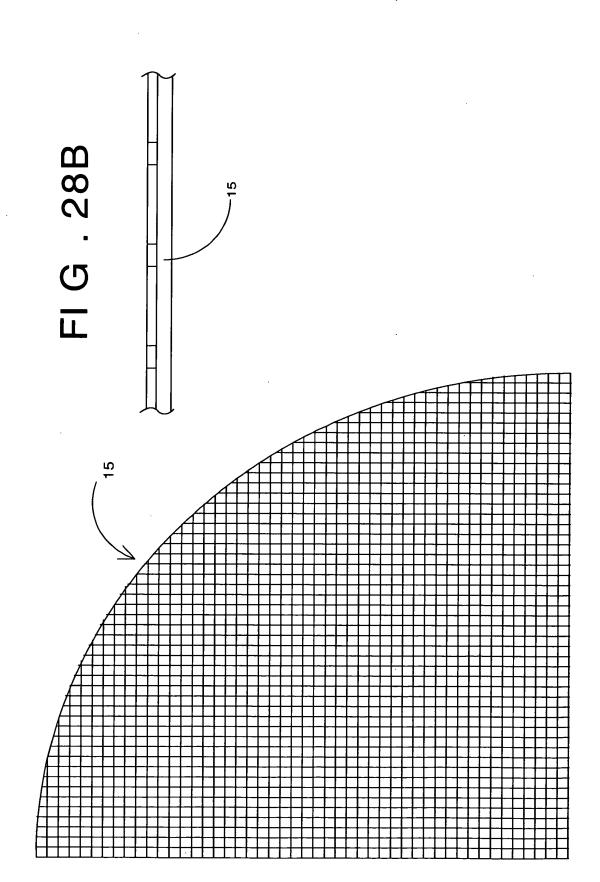
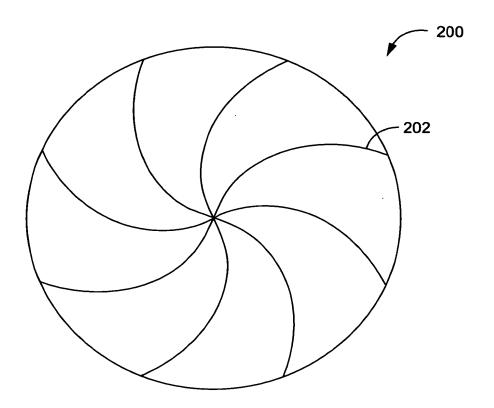
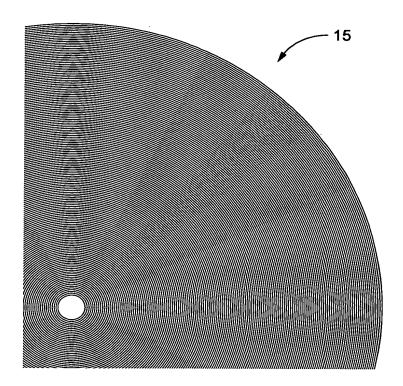
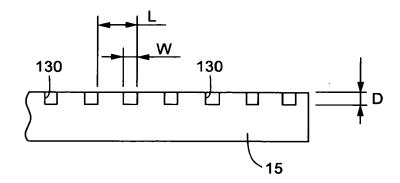


FIG. 29









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FIG. 32A

30 / 1

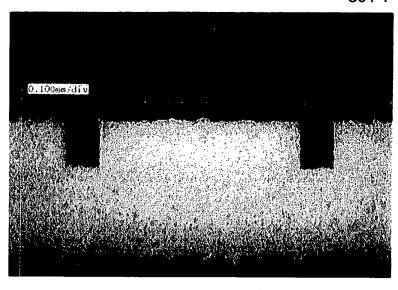
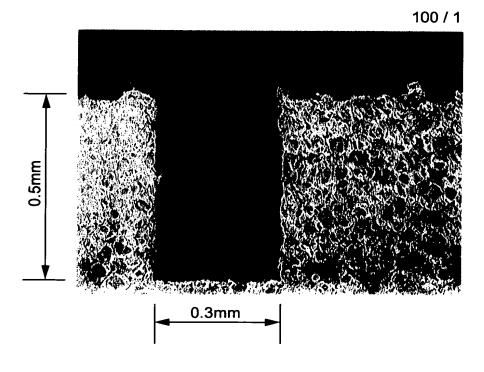


FIG. 32B

The first star with what is it is that the star with star star of the star of





V-SHAPED GROOVES

30 / 1

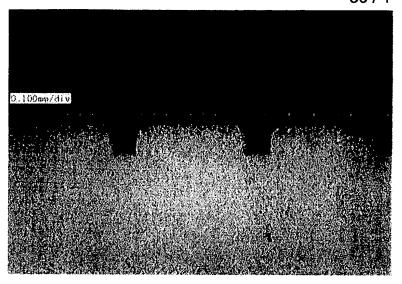
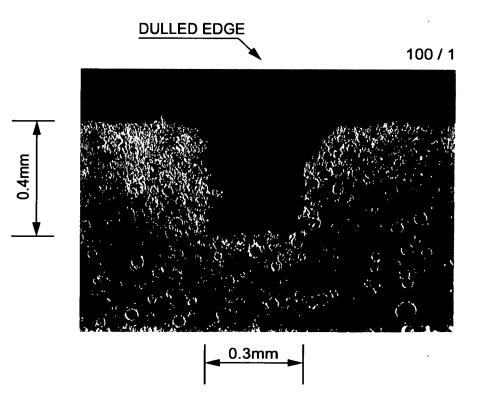
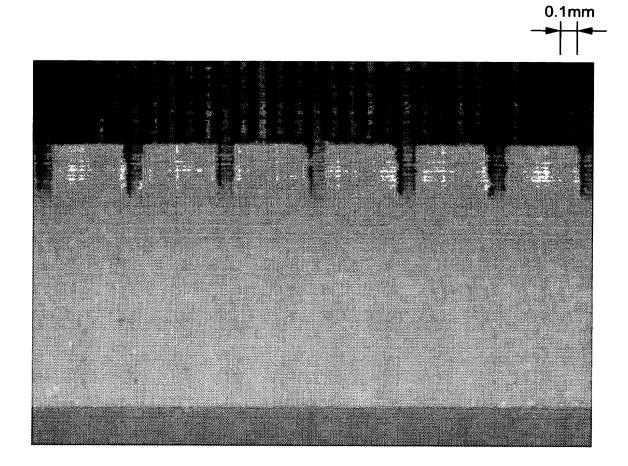
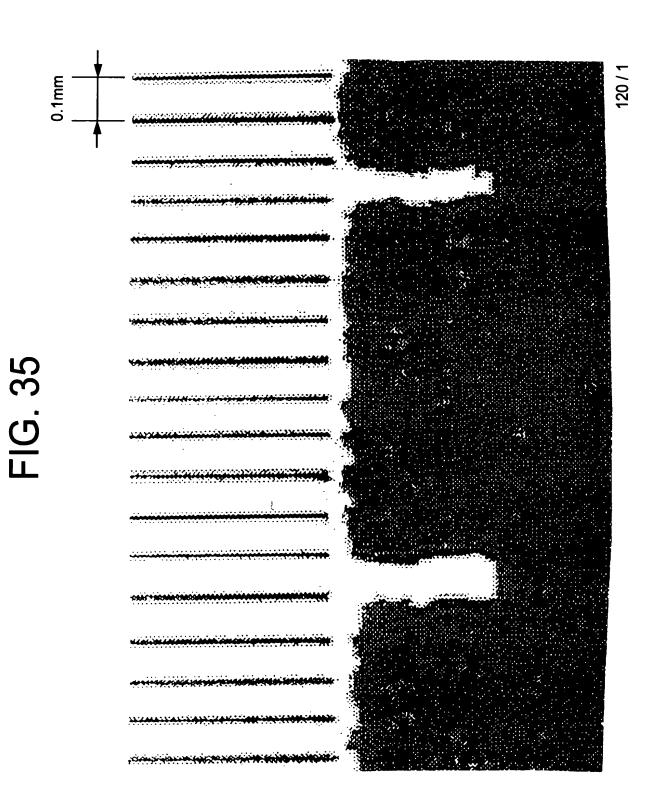


FIG. 33B

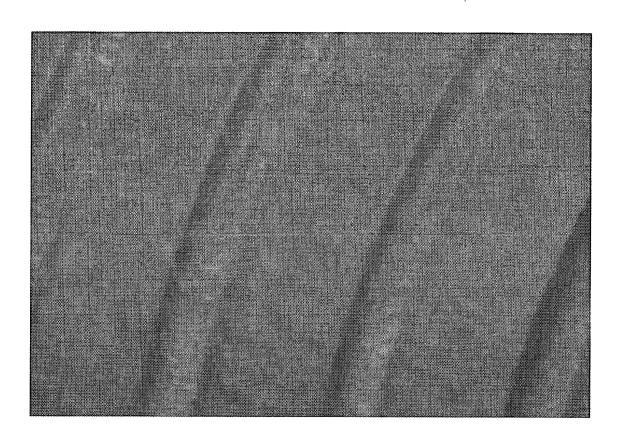




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FIG. 37

